

ABSTRACT OF THE DISCLOSURE

In an interdomain network path control, by making path information with a network resource in a destination domain accessible in addition to path information with transmission domain and interdomain network resources, path selection taking network resources into consideration end to end is enabled and optimum path selection not only in a transmission direction but also in a reception direction is also enabled. Moreover, by making not only network resources but also processing load information of a service node accessible, selection of an optimum server and optimum path selection for the server are enabled using both the service node processing load information and the network resources.